GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:5188
ANSWERED ON:27.04.2000
WIND POWER
SAHIB SINGH VERMA

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the States which are rich in generating wind power;

(b) the installed capacity in Public and Private Sector, State-wise;

(c) whether wind power is comparable in terms of cost of production, transmission, distribution with other types of power; and

(d) the position of wind power in comparison with Hydro, Thermal and Nuclear power?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE)

(SHRI M. KANNAPPAN)

(a): On the basis of wind resource assessment studies, carried out so far, the States of Tamil Nadu, Gujarat, Maharashtra, Andhra Pradesh, Karnataka, and Madhya Pradesh have emerged as potential States for wind power generation.

(b): State-wise installed capacity in Public and Private sector is given in the enclosed Statement.

(c): Yes, Sir. The levelised cost of wind power generation is quite comparable with conventional power, taking into account various fiscal and promotional incentives available for wind power projects.

(d): A wind power capacity of 1167 MW has been installed as against 23816 MW, 70186 MW and 2680 MW of Hydro, Thermal and Nuclear capacity respectively.

STATEMENT REFERRED TO IN REPLY TO PART- (b) OF LOK SABHA UNSTARRED QUESTION NO. 5188 27.4. 2000 REGARDING WIND POWER.

STATE-WISE WIND POWER INSTALLED CAPACITY

(AS ON 31.03.2000)

(MW)

STATE	DEMONSTRATION PROJECTS (PUBLIC SECTOR)	PRIVATE SECTOR PROJECTS	TOTAL CAPACITY
ANDHRA PRADESH	3.0	85.0	88.0
GUJARAT	17.5	150.0	167.5
KARNATAKA	2.5	31.0	33.5
MADHYAPRADESH	1.0	22.0	23.0
MAHARASHTRA	6.0	73.0	79.0
TAMIL NADU	19.0	751.0	770.0
OTHERS	6.0	6.0	
TOTAL	55.0	1112.0	1167.0